09/915,721

AMENDMENTS TO THE CLAIMS

1. (Cancelled)

Okay for entry SL 8/9/04

2. (Previously Presented) A plasma flat-panel display comprising:

a first transparent substrate comprising:

an array of pairs of parallel sustainer electrodes deposited upon said first substrate, each of said pairs of sustainer electrodes including a first sustainer electrode and a second sustainer electrode, each of said first sustainer electrodes being connected to corresponding first sustainer electrode pads, said sustainer electrode pads being adapted to be connected into at least one group, said group connected to a first sustainer voltage waveform supply;

each of said second sustainer electrodes are connected to corresponding second sustainer electrode pads, said sustainer electrode pads being adapted to be connected into at least one group, said group connected to a second sustainer voltage waveform supply of opposite phase from the first.

auxiliary electrodes deposited upon said first substrate parallel to and corresponding to each of said pairs of sustainer electrodes, at least a first auxiliary electrode being adjacent to a first sustainer electrode in each pair of sustainer electrodes with at least one of said auxiliary electrodes adjacent to each first sustainer electrode being connected to an associated auxiliary electrode pad, said auxiliary electrode pads being adapted to be connected to a multiplicity of individually controllable first control voltage waveform supplies;

a dielectric layer formed from a dielectric material covering said sustainer and auxiliary electrodes;

a further protection layer formed from an electron emissive material covering said dielectric;

a second substrate which is hermetically sealed to said first substrate comprising:

an array of micro-voids formed in the surface of said second substrate which is